L Number	Hits	Search Text	DB	Time stamp
1	3	(suk with gyun with han).in.	USPAT;	2004/09/16 14:08
			US-PGPUB;	
	0.570		EPO; JPO	
8	3672	(stepper with motor) and torque and control\$4 and driv\$3	USPAT;	2004/09/16 16:23
			US-PGPUB; EPO; JPO	
9	912	((stepper with motor) and torque and control\$4 and driv\$3)	USPAT;	2004/09/16 15:16
	312	and (current with (sens\$3 or detect\$3))	US-PGPUB;	200 1/03/10 13:10
		Converse than (consequently)	EPO; JPO	
10	392	(((stepper with motor) and torque and control\$4 and driv\$3)	USPAT;	2004/09/16 14:43
		and (current with (sens\$3 or detect\$3))) and converter	US-PGPUB;	
			EPO; JPO	
11	392	((((stepper with motor) and torque and control\$4 and driv\$3)	USPAT;	2004/09/16 14:44
		and (current with (sens\$3 or detect\$3))) and converter) not	US-PGPUB;	
		((((318/\$.ccls. and (stepper with motor)) and torque and	EPO; JPO	
		control\$4 and driv\$3) and (torque with (sens\$3 or detect\$3))) not ((((318/\$.ccls. and (stepper with motor)) and torque and		
		control\$4 and driv\$3) and (current with (sens\$3 or detect\$3)))		
		not ((((318/\$.ccls. and (stepper with motor)) and torque and		
		control\$4 and driv\$3) and (current with (sens\$3 or detect\$3)))		
		and converter)) not ((((318/\$.ccls. and (stepper with motor))		
		and torque and control\$4 and driv\$3) and (current with		
		(sens\$3 or detect\$3))) and converter) not (((318/\$.ccls. and		
		(stepper with motor)) and torque and control\$4 and driv\$3)		
12	272	and (current with (sens\$3 or detect\$3))))	LICDAT:	2004/00/16 14:45
12	2/2	((((stepper with motor) and torque and control\$4 and driv\$3) and (current with (sens\$3 or detect\$3))) and converter) and	USPAT; US-PGPUB;	2004/09/16 14:45
	i	("a/d" or (analog with digital)) with converter)	EPO; JPO	
13	254	((((stepper with motor) and torque and control\$4 and driv\$3)	USPAT;	2004/09/16 14:58
		and (current with (sens\$3 or detect\$3))) and converter) and	US-PGPUB;	2001,00,1011100
		((("a/d" and "d/a") or (analog with digital)) with converter)	EPO; JPO	
14	14957	(control\$4 with motor) and torque and driv\$3 and (current with	USPAT;	2004/09/16 14:57
ĺ		(sens\$3 or detect\$3))	US-PGPUB;	
45	6177	Complete Mark with most and a bound to a second to the sec	EPO; JPO	
15	6177	(control\$4 with motor).ab. and torque and driv\$3 and (current with (sens\$3 or detect\$3))	USPAT;	2004/09/16 14:58
		with (sensps of detectps))	US-PGPUB; EPO; JPO	
16	4412	((control\$4 with motor).ab. and torque and driv\$3 and (current	USPAT;	2004/09/16 14:58
		with (sens\$3 or detect\$3))) and (current with torque)	US-PGPUB;	2001/05/10 11.50
		(• • • • • • • • • • • • • • • • • • •	EPO; JPO	
17	472	(((control\$4 with motor).ab. and torque and driv\$3 and	USPAT;	2004/09/16 15:19
		(current with (sens\$3 or detect\$3))) and (current with torque))	US-PGPUB;	
40	207	and ((("a/d" and "d/a") or (analog with digital)) with converter)	EPO; JPO	
18	287	((((control\$4 with motor).ab. and torque and driv\$3 and	USPAT;	2004/09/16 15:15
		(current with (sens\$3 or detect\$3))) and (current with torque)) and ((("a/d" and "d/a") or (analog with digital)) with	US-PGPUB; EPO; JPO	
		converter)) and (torque with (calculat\$3 or determin\$3 or	EPO, JPO	
		detects or estimats3))		
30	105	((stepper with motor) and torque).ab. and control\$4 and	USPAT;	2004/09/16 16:32
		(driv\$3 or switch\$3)	US-PGPUB;	,,
			EPO; JPO	
31	30	(((stepper with motor) and torque).ab. and control\$4 and	USPAT;	2004/09/16 16:37
		(driv\$3 or switch\$3)) and ((current or torque) with (sens\$3 or	US-PGPUB;	
32	12220	detect\$3))	EPO; JPO	2004/00/46 46 22
JZ	13320	(motor and (torque with control\$4)).ab.	USPAT; US-PGPUB;	2004/09/16 16:33
			EPO; JPO	1
34	1796	((motor and (torque with control\$4)).ab.) and (computer or	USPAT;	2004/09/16 16:35
		cpu or processor or microprocessor)	US-PGPUB;	250 1/05/10 10:55
			EPO; JPO	
35	1171	(((motor and (torque with control\$4)).ab.) and (computer or	USPAT;	2004/09/16 16:37
		cpu or processor or microprocessor)) and ((motor or coil or	US-PGPUB;	-
		phase or supplied or driv\$3) with current)	EPO; JPO	

36	950	((((motor and (torque with control\$4)).ab.) and (computer or	USPAT;	2004/09/16 16:37
		cpu or processor or microprocessor)) and ((motor or coil or	US-PGPUB;	
		phase or supplied or driv\$3) with current)) and ((current or	EPO; JPO	
		torque) with (sens\$3 or detect\$3))		
37	510	(((((motor and (torque with control\$4)).ab.) and (computer or	USPAT;	2004/09/16 16:39
		cpu or processor or microprocessor)) and ((motor or coil or	US-PGPUB;	
		phase or supplied or driv\$3) with current)) and ((current or	EPO; JPO	
		torque) with (sens\$3 or detect\$3))) and (step\$4 with motor)		
38	357	((((((motor and (torque with control\$4)).ab.) and (computer or	USPAT;	2004/09/16 16:39
		cpu or processor or microprocessor)) and ((motor or coil or	US-PGPUB;	
		phase or supplied or driv\$3) with current)) and ((current or	EPO; JPO	
		torque) with (sens\$3 or detect\$3))) and (step\$4 with motor))		
		and convert\$3		
39	124	((((((motor and (torque with control\$4)).ab.) and (computer or	USPAT;	2004/09/16 16:40
		cpu or processor or microprocessor)) and ((motor or coil or	US-PGPUB;	
		phase or supplied or driv\$3) with current)) and ((current or	EPO; JPO	
		torque) with (sens\$3 or detect\$3))) and (step\$4 with motor))		
		and (digital with convert\$3)		
40	21	((((((motor and (torque with control\$4)).ab.) and (computer or	USPAT;	2004/09/16 17:15
		cpu or processor or microprocessor)) and ((motor or coil or	US-PGPUB;	
	}	phase or supplied or driv\$3) with current)) and ((current or	EPO; JPO	
		torque) with (sens\$3 or detect\$3))) and (step\$4 with motor))		
		and ("a/d" and "d/a")		
41	105	(((((((motor and (torque with control\$4)).ab.) and (computer	USPAT;	2004/09/16 16:46
		or cpu or processor or microprocessor)) and ((motor or coil or	US-PGPUB;	
		phase or supplied or driv\$3) with current)) and ((current or	EPO; JPO	
		torque) with (sens\$3 or detect\$3))) and (step\$4 with motor))		
		and (digital with convert\$3)) not ((((((motor and (torque with		
		control\$4)).ab.) and (computer or cpu or processor or		
		microprocessor)) and ((motor or coil or phase or supplied or		
		driv\$3) with current)) and ((current or torque) with (sens\$3 or		
40		detect\$3))) and (step\$4 with motor)) and ("a/d" and "d/a"))		
42	0	((((((motor and (torque with control\$4)).ab.) and (computer or	USPAT;	2004/09/16 17:16
	}	cpu or processor or microprocessor)) and ((motor or coil or	US-PGPUB;	
		phase or supplied or driv\$3) with current)) and ((current or	EPO; JPO	
		torque) with (sens\$3 or detect\$3))) and (step\$4 with motor))		
43	10	and ("ad" and "da")	LICDAT.	2004/00/16 17:16
43	18	((((((motor and (torque with control\$4)).ab.) and (computer or cpu or processor or microprocessor)) and ((motor or coil or	USPAT; US-PGPUB;	2004/09/16 17:16
		phase or supplied or driv\$3) with current)) and ((current or		
		torque) with (sens\$3 or detect\$3))) and (step\$4 with motor))	EPO; JPO	
	1	and ("ad")		
	1	aliu (au)	I	